

Project management and Skills

BRANCH :- ALL

These Questions are made for your previous exam, from PYQ and some internet....(Notes reference le Lena ek baar)

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WhatsApp group :- 9508550281

UNIT 1: Introduction to Project Management

1. Define a project. How is it different from operations?
2. List and explain **types of projects** with examples. (PYQ)
3. What is the **role of a project manager** in successful execution of a project? (PYQ)
4. List **five unique skills** a project manager must possess.
5. State any **three benefits and challenges** of project management.

UNIT 2: Project Administration

1. What is **Work Breakdown Structure (WBS)**? Explain its importance.
2. Define **Project Execution Plan (PEP)** and explain its benefits.
3. List and explain **common tools** used in project administration (e.g., Gantt chart, Milestone chart). (PYQ)
4. Difference between **functional** and **cross-functional project teams**. (PYQ)
5. Explain the role of **effective communication** in project success.

UNIT 3: Project Lifecycle and Risk

1. Explain the **five phases** of the project lifecycle with an example.
2. What are the **types of project risks**? (PYQ)
3. What is **time overrun** and **cost overrun**? Give examples. (PYQ)
4. What are some **strategies to mitigate project risks**?
5. Mention the **main causes of project failure**.

UNIT 4: Planning, Scheduling & Monitoring

1. What are the **key components of project planning**?
2. What is **project scheduling**? Why is it important?
3. Explain the **Gantt Chart** with an example.
4. What is the **Critical Path Method (CPM)**? Explain with use case.
5. Describe the **steps involved in project monitoring and evaluation**.


UNIT 5: Project Control and Audit

1. How do **Gantt and Milestone charts** help in project control?
2. Explain the importance of **project audits**.
3. What are **three challenges** in project control?
4. How do **reviews and feedback** contribute to project success?

UNIT 6: Digital Project Management




1. Define **digital projects**. Give 3 practical examples. (PYQ)
2. How do **IoT** and **Cloud Technology** impact modern project management?
3. Difference between **Augmented Reality (AR)** and **Virtual Reality (VR)**. (PYQ)
4. How is **data analytics** used in project tracking?
5. Mention **emerging trends** in digital project management.

Short Notes (Write Any Four):

 All below are from PYQ

- Scenario Analysis (PYQ)
- Execution Phase (PYQ)
- Time Estimates (PYQ)
- Project Scheduling (PYQ)
- Internet of Things (IoT) (PYQ)
- Milestone Chart
- Risk Mitigation Strategy
- SMART Goals

Special for Exam:

-  Focus on these confirmed PYQs:
 - Role of Project Manager
 - Types of Projects
 - Project Teams
 - Admin Tools (Gantt, WBS)
 - Cost & Time Overrun
 - AR vs VR
 - Digital Projects
-  Most Important Units:
 - **UNIT 1**
 - **UNIT 2**
 - **UNIT 3**
 - **UNIT 6**
-  High Scoring Short Notes:

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- IoT
- Project Scheduling
- SMART Goals
- Scenario Analysis

